
UNOLS Ship Schedule - 2018 - Kilo Moana

KM 2018 - FINAL

Final - ID #13581

Version #7 - 12/20/2018

Scheduling Contact(s)

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Notes: 12 DEC 2018 - Remove 2 days from December HOT due to weather and safety of vessel equipment.
01 OCT 2018 - Addition of 2nd cruise for PMRF survey (w/ ROV) in early Dec.
06 SEP 2018 - Adjustments for KM-18-14 transit, and for PMRF Charter sailing dates in Oct.
18 JUL 2018 - Transfer of one HOT day to KOK, augmenting the Kilauea RAPID investigation (D. Karl).
29 MAY 2018 - Adjustments for KM-18-08 delay/extension; ACO & RAP split for two cruises.
27 APR 2018 - Update/add cruise # for PMRF charter, adjust/correct data for cruises following in Oct-Dec.
24 APR 2018 - Shortened DORD charter, add pending PMRF charter, adjust KM-18-11 for transit share.
27 FEB 2018 - adjusted sailing dates for KM-18-08 (NOAA/Moore Fdn.)
23 FEB 2018 - updated cruise numbers for additional Lu'ukai test in Feb; removed TBDs
09 FEB 2018 - added JASON engineering dive to follow Tivey mobe.
31 JAN 2018 - updated sailing dates for Jan 2018.
29 JAN 2018 - added KM cruise numbers for 2018.
24 JAN 2018 - Shift KIOST cruise dates.
31 OCT 2017 - Swap Haddock for pending SCOPE charter.
27 OCT 2017 - minor adjustments to June HOT, REU, & ECS dates.
05 OCT 2017 - revisions to swap sequences ROV trials/HOT & KIOST/Smith-Howe.
13 SEP 2017 - Initial schedule for 2018 published.

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PI/Institution	Project	Project #	Days/Agency/Status	
Cruise Dates	Start Port End Port	Area/ Navy Op Lat/Lon	Chief Scientist	Activity/ Total Days

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Load: 01 Jan 18 UHMC Pier 35
Dep: 01 Jan 18 Honolulu NP12 21N/158W Alexander Shor 7/7
Arr: 07 Jan 18 Honolulu NP12 21N/158W Maintenance
Unld: 07 Jan 18

Clearances: NONE(T)

Notes: T/E overhaul completion, wire spooling (0.681"), Dynacon 0.322" winch installation, and general maintenance.

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Shor, A/UH_SOEST INSURV 0/NAVY-ONR/F

Load: 08 Jan 18 NP-12
Dep: 08 Jan 18 Honolulu NP12 21N/158W Alexander Shor 4/4
Arr: 11 Jan 18 Honolulu NP12 21N/158W Inspection
Unld: 11 Jan 18

Clearances: NONE(T)

Notes: KM-18-01: INSURV Inspection. Underway day on 09-JAN-2018

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Karl, D/UH_SOEST HOT OCE 1260164 4/NSF-OCE-CO/F

Load: 12 Jan 18 Station ALOHA
Dep: 16 Jan 18 Honolulu NP12 23N/158W David Karl 4/9
Arr: 19 Jan 18 Honolulu NP12 23N/158W
Unld: 20 Jan 18

Clearances: NONE(T)

Notes: KM-18-02: Sailed Tue-Fri (returned 1 day early due to weather).
Included 1 mobe day and 3 lay days, prior to departure, and 1 de-mobe day after arrival.

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Shor, A/UH_SOEST LU'UKAI ROV Tests 6/INST-UH/F

Load: 21 Jan 18 S. Oahu
Dep: 25 Jan 18 Honolulu NP12 21N/158W Alexander Shor 6/11

Arr: 30 Jan 18 Honolulu NP12 21N/158W
Unld: 31 Jan 18

Clearances: NONE(T)

Notes: KM-18-03: Lu'ukai ROV trials

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Load: 01 Feb 18 UHMC Pier 35
Dep: 01 Feb 18 Honolulu NP12 21N/158W Alexander Shor 18/18
Arr: 18 Feb 18 Honolulu NP12 21N/158W Maintenance
Unld: 18 Feb 18

Clearances: NONE(T)

Notes: Re-cert life rafts, install/test 0.322 winch & wire swap, replace hydraulic motors on 0.68x Traction Winch, install 2nd FBB mast & antenna, misc. preservation and general maintenance.

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Shor, A/UH_SOEST LU'UKAI ROV Tests 5/INST-UH/F

Load: 19 Feb 18 S. Oahu
Dep: 19 Feb 18 Honolulu NP12 21N/158W Alexander Shor 5/5
Arr: 23 Feb 18 Honolulu NP12 21N/158W
Unld: 23 Feb 18

Clearances: NONE(T)

Notes: KM-18-04: Lu'ukai ROV additional trials

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Karl, D/UH_SOEST HOT OCE 1260164 5/NSF-OCE-CO/F
Brandes, J/Skidaway Marine DIC photochem 1635618 0/NSF-OCE-CO/F

Load: 24 Feb 18 Station ALOHA
Dep: 24 Feb 18 Honolulu NP12 23N/158W David Karl 5/5
Arr: 28 Feb 18 Honolulu NP12 23N/158W
Unld: 28 Feb 18

Clearances: NONE(T)

Notes: KM-18-05: HOT-300. Auxiliary add-on for Brandes, needs coordination with HOT. Sailing Sat-Wed.

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Load: 01 Mar 18 UHMC Pier 35
Dep: 01 Mar 18 Honolulu NP12 21N/158W Alexander Shor 2/2
Arr: 02 Mar 18 Honolulu NP12 21N/158W Standby Days
Unld: 02 Mar 18

Clearances: NONE(T)

Notes: Lay days in port awaiting KIOST mobilization. Provisions and general maintenance.

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Shor, A/UH_SOEST KIOST CCZ Charter 31/OTHER/F

Load: 03 Mar 18 ROK ISA Claims
Dep: 05 Mar 18 Honolulu NP12 17N/125W Seafloor LLC 30/33
Arr: 03 Apr 18 San Diego NP12 9N/136W
Unld: 04 Apr 18

Clearances: NONE(T)

Notes: KM-18-06: Charter for KIOST to survey ROK ISA claims

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Gaherty, J/LDEO PacificArray 1658491 33/NSF-OCE-MGG/F

Load: 05 Apr 18 Marquesas
Dep: 07 Apr 18 San Diego SP02 7S/136W James B. Gaherty 31/34
Arr: 07 May 18 Honolulu SP02 5S/130W
Unld: 08 May 18

Clearances: NONE(T)

Ancillary Facilities: Ocean Bottom Seismograph Instrument Pool (OBSIP)

Notes: KM-18-07: 2-day mobilization includes 1 day for fuel/provisions and 1 day to load/secure mission gear for sea.

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Smith, C/UH_SOEST Deep CCZ 5596 18/OTHER/F

Smith, C/UH_SOEST Deep CCZ NA17OAR0110209 12/NOAA-OE/F
Smith, C/UH_SOEST Deep CCZ 4/INST-UH/F

Load: 09 May 18 TBD
Dep: 14 May 18 Honolulu NP12 23N/158W Craig R. Smith 34/39
Arr: 16 Jun 18 Honolulu NP12 23N/158W
Unld: 16 Jun 18

Clearances: NONE(T)

Ancillary Facilities: Other ROV

Notes: KM-18-08: NOAA + Moore Foundation project. Mobe included 2.5-day delay
for USCG COI.

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Howe, B/UH_SOEST ACO Continuing O&M 1738054 5/NSF-OCE-OTIC/F

Load: 17 Jun 18 Station ALOHA
Dep: 18 Jun 18 Honolulu NP12 23N/158W Bruce M. Howe 5/8
Arr: 22 Jun 18 Honolulu NP12 23N/158W
Unld: 24 Jun 18

Clearances: NONE(T)

Ancillary Facilities: Other ROV

Notes: KM-18-09: ACO cruise with Lu'ukai ROV still mobilized on KM.

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Wessel, P/UH_SOEST REU SOEST 1/NSF-OCE/F
Wessel, P/UH_SOEST REU SOEST 1/NSF-GEO/F
Wessel, P/UH_SOEST REU SOEST 1/INST-UH/F

Load: 25 Jun 18 Hawaiian Island
Dep: 26 Jun 18 Honolulu NP11 18N/160W Paul Wessel 3/5
Arr: 28 Jun 18 Honolulu NP12 23N/155W
Unld: 29 Jun 18

Clearances: NONE(T)

Notes: KM-18-10: REU student cruise

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Armstrong, A/JHC UNH GofAK ECS Survey 32/NOAA-OAR/F
Shor, A/UH_SOEST NSF transit share 2/NSF-OCE-MGG/F
Armstrong, A/JHC UNH GofAK ECS Survey tbd 0/NOAA-OE/T

Load: 30 Jun 18 Gulf of Alaska
Dep: 01 Jul 18 Honolulu NP12 21N/158W Andrew Armstrong 34/35
Arr: 03 Aug 18 Seattle NP09 48N/122W
Unld: 03 Aug 18

Clearances: NONE(T)

Notes: KM-18-11: NOAA ECS survey in Gulf of Alaska

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Tivey, M/WHOI Weathering SMS 1657794 12/NSF-OCE-MGG/F
Heintz, M/WHOI 2018 Jason Eng 1/NSF-OCE-IPS/F

Load: 04 Aug 18 Juan de Fuca
Dep: 08 Aug 18 Seattle NP09 48N/129W Margaret K. Tivey 9/13
Arr: 16 Aug 18 Astoria NP09 48N/129W
Unld: 16 Aug 18

Clearances: Canada(S)

Ancillary Facilities: Alvin, Jason

Notes: KM-18-12: SMS, with JASON ROV - Dual Body configuration. De/re-mobe of JASON tightly coordinated with Revelle on these dates in Seattle.

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Nooner, S/UNCW Deformation at Axial 1736926 13/NSF-OCE-MGG/F

Load: 17 Aug 18 Axial Seamount
Dep: 18 Aug 18 Astoria NP09 46N/130W Scott L. Nooner 10/13
Arr: 27 Aug 18 Astoria NP09 46N/130W
Unld: 29 Aug 18

Clearances: NONE(T)

Notes: KM-18-13: Axial Seamount with JASON & MBARI AUV D.Allen.B

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Shor, A/UH_SOEST Transit to Honolulu 8/NSF-OCE-MGG/F

Load: 30 Aug 18 Transit
Dep: 30 Aug 18 Astoria NP09 46N/124W Alexander Shor 8/8
Arr: 06 Sep 18 Honolulu NP12 21N/158W Transit
Unld: 06 Sep 18

Clearances: NONE(T)

Notes: KM-18-14: Reposition to Honolulu (transit speed increased due to Hurricane Norman).

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Karl, D/UH_SOEST	HOT 2018-2023	1756517	5/NSF-OCE-BIO/F
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Load: 07 Sep 18 Station ALOHA
Dep: 10 Sep 18 Honolulu NP12 23N/158W David Karl 5/8
Arr: 14 Sep 18 Honolulu NP12 23N/158W
Unld: 14 Sep 18

Clearances: NONE(T)

Notes: KM-18-15: Includes 1 mobe day and 1 lay day, prior to departure. Sailing Mon-Fri.

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Smith, J/UH_SOEST	DORD Mn-nodule study	21/OTHER/F
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Load: 15 Sep 18 ISA Lease Area
Dep: 18 Sep 18 Honolulu NP12 10N/148W John R. Smith 21/25
Arr: 08 Oct 18 Honolulu NP12 11N/149W
Unld: 09 Oct 18

Clearances: NONE(T)

Notes: KM-18-16: ISA survey, foreign funding (DORD - Japan).

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Karl, D/UH_SOEST	HOT 2018-2023	1756517	5/NSF-OCE-BIO/F
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Load: 10 Oct 18 Station ALOHA
Dep: 11 Oct 18 Honolulu NP12 23N/158W David Karl 5/6
Arr: 15 Oct 18 Honolulu NP12 23N/158W
Unld: 15 Oct 18

Clearances: NONE(T)

Notes: KM-18-17: Shift to immediately follow DORD Sailing Thu-Mon.

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Freeman, C/geodynamicsgroup PMRF survey 6/OTHER/F

Load: 16 Oct 18 PMRF-Kauai
Dep: 16 Oct 18 Honolulu NP12 21N/158W Chris W. Freeman 6/9
Arr: 21 Oct 18 Honolulu NP12 21N/158W
Unld: 24 Oct 18

Clearances: NONE(T)

Notes: KM-18-18: Charter for Navy contractor (multibeam survey of PMRF), includes 4 survey and 2 transit days, plus 2 contingency days (pending) if required for wx standby or other factors. Must complete de-mobe by COB on 10/24/2018.

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Howe, B/UH_SOEST ALOHA:RAP Tomography 4/NAVY-ONR/F
RAP transit 1/INST-UH/F

Load: 25 Oct 18 Station ALOHA
Dep: 26 Oct 18 Honolulu NP12 23N/158W Bruce M. Howe 5/7
Arr: 30 Oct 18 Honolulu NP12 23N/158W
Unld: 31 Oct 18

Clearances: NONE(T)

Notes: KM-18-19: RAP dedicated cruise, split from KM-18-09.

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Haddock, S/MBARI Dimensions 2015 1542679 10/NSF-BIO-DEB/F

Load: 01 Nov 18 Hawaii
Dep: 03 Nov 18 Honolulu NP12 21N/158W Steven Haddock 10/13
Arr: 12 Nov 18 Honolulu NP12 21N/158W
Unld: 13 Nov 18

Clearances: NONE(T)

Ancillary Facilities: Other ROV

Notes: KM-18-20: Dimensions - year 2 cruise.

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Karl, D/UH_SOEST HOT 2018-2023 1756517 5/NSF-OCE-BIO/F

Load: 14 Nov 18 Station ALOHA
Dep: 15 Nov 18 Honolulu NP12 23N/158W David Karl 5/6
Arr: 19 Nov 18 Honolulu NP12 23N/158W
Unld: 19 Nov 18

Clearances: NONE(T)

Notes: KM-18-21: Sailing Thu-Mon.

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Load: 20 Nov 18 UHMC Pier 35
Dep: 20 Nov 18 Honolulu NP12 21N/158W Alexander Shor 7/7
Arr: 26 Nov 18 Honolulu NP12 21N/158W Maintenance
Unld: 26 Nov 18

Clearances: NONE(T)

Notes: Alongside maintenance period available for main overhaul of SSDG#2.

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Freeman, C/geodynamicsgroup PMRF ROV survey 5/OTHER/F

Load: 27 Nov 18 PMRF-Kauai
Dep: 01 Dec 18 Honolulu NP12 21N/158W Chris W. Freeman 5/12
Arr: 05 Dec 18 Honolulu NP12 21N/158W
Unld: 08 Dec 18

Clearances: NONE(T)

Notes: KM-18-22: Charter for Navy contractor (ROV survey of PMRF), includes 4-day move for ROV, and 3 survey + 2 transit days, with 2 contingency days (pending) if required for wx standby or other factors. De-move (1 day) must be complete by COB on 12/8/2018.

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Karl, D/UH_SOEST HOT 2018-2023 1756517 3/NSF-OCE-BIO/F

Load: 09 Dec 18 Station ALOHA

Dep: 10 Dec 18 Honolulu NP12 23N/158W David Karl 3/4
 Arr: 12 Dec 18 Honolulu NP12 23N/158W
 Unld: 12 Dec 18

Clearances: NONE(T)

Notes: KM-18-23: Includes 1 mobe day on 12/9 (Sun). Sailing Mon-Fri.
 Cruise cut short (2 Days) due to weather and safety concerns of
 vessel equipment on A-frame.

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Load: 13 Dec 18 UHMC Pier 35
 Dep: 13 Dec 18 Honolulu NP12 21N/158W Alexander Shor 19/19
 Arr: 31 Dec 18 Honolulu NP12 21N/158W Maintenance
 Unld: 31 Dec 18

Clearances: NONE(T)

Notes: Period for general maintenance, and availability for re-tubing of
 chiller condensers (thru 1/10/2019).

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Agency Totals

Agency Funded Pending Total

INST	17	0	17
NAVY	4	0	4
NOAA	44	0	44
NSF	113	0	113
OTHER	81	0	81
Total	259	0	259

Day Types Totals

Day Type	Total
Transit Cruise	8
Inspection	4
Standby Days	2
Maintenance	51

At Sea for Science	241

Total	306

Load/Unload Day	Totals
ChargeLoad	7
ChargeUnload	3
NonChargeLoad	34
NonChargeUnload	15

Total	59

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